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providing a main housing having an aperture configured to conform to the shape of the motor assembly, the main housing including an end plate adapted to attach to the mounting bracket, wherein the main housing includes a plurality of vents; securing the end plate of the main housing to the mounting bracket such that the motor assembly is supported within the main housing;

10 providing at least one impeller rotatable with the rotor; and operating the motor such that rotation of the rotor causes the impeller to rotate to circulate air through the vents in the main housing to direct a curtain of air over the motor assembly to cool the motor assembly.

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5 27. The method of claim 26 further comprising the step of providing a radially extended portion on the main housing to enclose at least the bobbin, the radially extended portion including vent slots such that rotation of the impeller circulates air through the vent slots in the radially extended portion to cool the motor assembly.

28. The method of claim 26 further comprising the step of providing a rotor shaft attached to the rotor, wherein the impeller is mounted to the rotor shaft for rotation along therewith.

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29. The method of claim 26 further comprising the step of providing an end cap attachable to the main housing for encompassing the impeller, wherein the end cap includes a plurality of vent slots such that rotation of the impeller circulates air through the vent slots formed in the end cap to cool the motor assembly.

30. The method of claim 29 further comprising the step of providing a radially extended portion on the end cap such that when the end cap is attached to the main housing, the radially extended portion encloses at least the bobbin.

31. The method of claim 30 further comprising the step of forming vent slots in the radially extended portion such that rotation of the impeller circulates

air through the vent slots formed in the radially extended portion to cool the motor assembly.

32. A C-frame motor comprising:

a stator having a plurality of electrically conductive laminations, wherein the laminations have portions which define rotor apertures and portions which define radially extended projections;

5 a rotor having a plurality of laminations and sized to be rotatably received within the rotor apertures of the stator laminations, the rotor being rotatably mounted to a rotor shaft;

at least one bobbin having a plurality of coils comprising at least one wound electrical conductor wherein the bobbin is attached to the radially extended
10 projections of the stator;

a main housing configured to conform to and encompass the stator, the rotor and the bobbin, the main housing including an end plate attachable to the stator to support the main housing, the main housing having a plurality of vent slots;

an impeller mounted to the rotor shaft for rotation with the rotor,
15 wherein rotation of the impeller circulates air through the vent slots in the main housing to cool the motor; and

an end cap attachable to the main housing and configured to encompass the impeller.

33. The motor of claim 32 further comprising a mounting bracket configured to rotatably support the rotor shaft and adapted to attach to the stator, wherein the end plate of the main housing is attachable to the mounting bracket.

34. The motor of claim 32 wherein the main housing includes a radially extended projection provided to conform to the shape of the radially extended projections of the stator and encompasses at least the bobbin.

35. The motor of claim 34 wherein the radially extended projection of the main housing has vent slots such that rotation of the impeller circulates air through the vent slots formed in the radially extended projection of the main housing.

36. The motor of claim 35 wherein the end cap includes vent slots such that rotation of the impeller circulates air through the vent slots formed in the end cap to cool the motor.

37. The motor of claim 32 wherein the end cap includes a radially extended projection that conforms to the shape of the radially extended projections of the stator and encompasses at least the bobbin when the end cap is attached to the main housing.

38. The motor of claim 37 wherein the radially extended projection of the end cap has vent slots such that rotation of the impeller circulates air through the vent slots formed in the radially extended projection of the end cap to cool the motor.

39. The motor of claim 37 wherein the end cap includes vent slots such that rotation of the impeller circulates air through the vent slots formed in the end cap to cool the motor.--

REMARKS

The present amendment, filed along with a Request for Continued Examination, is in response to the Advisory Action mailed by the Examiner on October 12, 2000. In the Advisory Action, the Examiner refused to enter the amendments proposed in the applicants' reply filed on September 20, 2000 because the amendments raised new issues that would require further consideration and/or search. The present amendment has been written to replace the unentered amendment of September 20, 2000. Therefore, the Examiner is requested to disregard the prior, unentered amendment of September 20, 2000.